

CLAIMS

- Sub C*
B
B
B
1. Avian cell line, which is immortalized, but untransformed, and resistant to apoptosis.
- 5 *wherein*
2. ~~The~~ Avian cell line according to Claim 1, ~~characterized in that~~ it is obtained from cells of avian tissues.
3. *a* ~~The~~ Avian cell line according to Claim 2, ~~characterized in that~~ it is *obtained* ~~derived~~ from fibroblasts or
10 epithelial cells. *wherein*
4. Immortal, untransformed avian cell line, which is selected from the group consisting of:
- 15 - cell line TDF-2A bcl-2, which is deposited in the CNCM (Collection Nationale de Cultures de Microorganismes de l'Institut Pasteur [Pasteur Institute National Collection of Microorganism Cultures]) under reference number I-1709.
- 20 - cell line TCF-4.10, which is deposited in the CNCM under reference number I-1710,
- cell line TCF-4.10 bcl-2, which is deposited in the CNCM under reference number I-1711.
- 7 *obtained*
5. Immortal avian cells which are *obtained* ~~derived~~ from the cell line according to *claim 4* ~~one of Claims 1 to 4~~.
- Sub B*
A
Sub
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6. Cells according to Claim 5, characterized in that they contain at least one expression cassette which comprises at least one nucleotide sequence encoding a molecule of industrial relevance.
7. Cells according to Claim 6, characterized in that the nucleotide sequence encodes a viral subunit of the peptide, protein or glycoprotein type or encodes protein molecules such as hormones.
- 30 8. Cells according to Claim 5, characterized in that they are infected, (preferably chronically, with a virus which is able to multiply in these cells.
- A* 35 9. Cells according to *claim 5* ~~any one of Claims 5 to 8~~, characterized in that they contain a survival or anti-apoptotic gene other than bcl-2, which gene is preferably selected from the group consisting of p19E1B from human adenovirus, LMP-1 from Epstein Barr virus,
- 15

BHRF1 from Epstein Barr virus, ICP34.5 from herpes simplex virus and p35 from baculovirus.

A 10. Cells according to ^{claim 5} ~~any one of claims 5 to 9~~, characterized in that they integrate vectors which are
5 able to overexpress one or more of the genes involved in controlling the cell cycle in order to increase the rate of proliferation.

A 11. Cells according to ^{claim 5} ~~any one of Claims 5 to 10~~, characterized in that they integrate genes which encode
10 viral receptors.

A 12. Cells according to ^{claim 5} ~~any one of Claims 5 to 11~~, characterized in that they integrate oncogenes which are able to accelerate cell growth.

15 A 13. Method for producing molecules of industrial relevance of viruses, comprising culturing cells according to ^{claim 5} ~~any one of Claims 5 to 12~~.

Sub B3

Add B4